

## WHAT IS CLAIMED IS:

1. A data processing system including processor and system memory, comprising:

5           a set of field replaceable units (FRUs);

          a set of identify indicators wherein at least one of the identify indicators is associated with at least one of the field replaceable units;

10          means for enabling a user to specify a condition under which an activated identify indicator is reset;

          means for monitoring the system to detect satisfaction of the condition and for deactivating the identify indicator in response thereto.

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2. The system of claim 1, wherein the specified condition comprises completion of an FRU replacement procedure.

20          3. The system of claim 2, wherein the means for monitoring the system comprise means for polling the serial number of the FRU to determine when the FRU has been replaced.

4. The system of claim 1, wherein the system is configured with at least two logical partitions, each partition executing its own operating system.

25          5. The system of claim 4, wherein the specified condition is a global condition applying to all of the partitions and wherein the monitoring comprises monitoring resources allocated to all of the partitions.

30          6. The system of claim 5, further comprising hypervisor means for monitoring the duration that each activated identify indicator remains in an activated state and for deactivating any identify

indicator that has been in the activated state in excess of a duration exceeding a threshold duration.

7. The system of claim 5, further comprising means for specifying a local condition via one of the operating systems, wherein the local condition applies to only those resources on the partition in which the operating system is installed.

8. A computer program product for controlling identify indicators on a data processing system, the computer program product comprising computer executable instructions stored on a computer readable medium, comprising:

computer code means for enabling a user to specify a condition for resetting an activated identify indicator;

computer code means for monitoring the system to determine satisfaction of the condition; and

computer code means for deactivating the identify indicator in response to detecting satisfaction of the condition.

9. The computer program product of claim 8, wherein the condition comprises completion of an adapter hot swap procedure.

10. The computer program product of claim 9, wherein means for monitoring the system are further characterized as means for polling information including the serial number of the adapter to determine when the adapter has been replaced.

11. The computer program product of claim 8, further comprising code means for allocating system resources to at least two logical partitions, each partition executing its own operating system.

12. The computer program product of claim 11, wherein the condition comprises a global condition applicable to identify indicators of all of the partitions.

13. The computer program product of claim 12, further comprising hypervisor means for  
5 monitoring the duration that each activated identify indicator remains in an activated state and for deactivating any identify indicator that has been in the activated state in excess of a duration exceeding a threshold duration.

14. The computer program product of claim 12, further comprising code means enabling the  
10 user to specify a local condition for resetting an activated identify indicator, wherein the local condition applies only to identify indicators allocated to a corresponding partition.

15. A method of controlling identify indicators on a data processing system, comprising:

15 enabling the system to activate an identify indicator prior to initiating an event requiring a user to locate a field replaceable unit corresponding to the identify indicator;

enabling the system to permit a user to configure the system to monitor for completion of  
the event; and

20 configuring the system to deactivate the identify indicator in response to detecting completion of the event.

16. The method of claim 15, further comprising, enabling the system to create a plurality of  
25 logical partitions and wherein monitoring for completion of the event comprises globally monitoring for completion of the event on all of the at least two partitions.

17. The method of claim 16, wherein means for globally monitoring for completion of the event  
30 comprises globally monitoring for completion of an adapter hot swap.

18. The method of claim 17, wherein monitoring for completion of the hot swap comprises detecting a change of vital product data associated with the adapter.

19. The method of claim 18, further comprising globally monitoring the duration that each  
5 activated identify indicator remains in an activated state and for deactivating any identify indicator that has been in the activated state in excess of a duration exceeding a threshold duration.

20. The method of claim 16, further comprising enabling the system to locally monitor for  
10 completion of a second event on one of the plurality of partitions and to deactivate an identify indicator allocated to the partition in response thereto.